Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Current Event: White Bear Lake**

Listen to the [MPR story on White Bear Lake](http://minnesota.publicradio.org/radio/services/nis/listen/?name=/minnesota/news/features/2014/02/18/daily_circuit_ground_level_water_20140218)

As you listen to minutes 0 – 4:11, complete this graphic organizer:

**Now read the article** [**White Bear Lake Drying Up**](http://www.minnpost.com/cityscape/2013/10/white-bear-lake-drying-symptom-emerging-metro-area-water-problem)**. As you read, answer the questions.**

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| 1. According to the article, what percent of the metro areas water comes from ground water? |
| 1. According to the author, what “big changes” will need to be made to ensure a stable water supply? |
| 1. What is the difference between ground water and surface water? |
| 1. What is an aquifer? |
| 1. How much water moves through the Mississippi, Minnesota and St Croix Rivers each year? |
| 1. “We’re using 1 percent of that,” [Elhassan] says. “On top of that, we are putting back in the [Mississippi] about 300 million gallons a day water as treated wastewater.” Using your answer to number 5, figure out how much of a difference there is between water in and water out of the system. |
| 1. Identify 2 of the options the Metropolitan Council is considering using as they plan ways to build a new water infrastructure. |